

DTR 3002CU PVR

User Manual

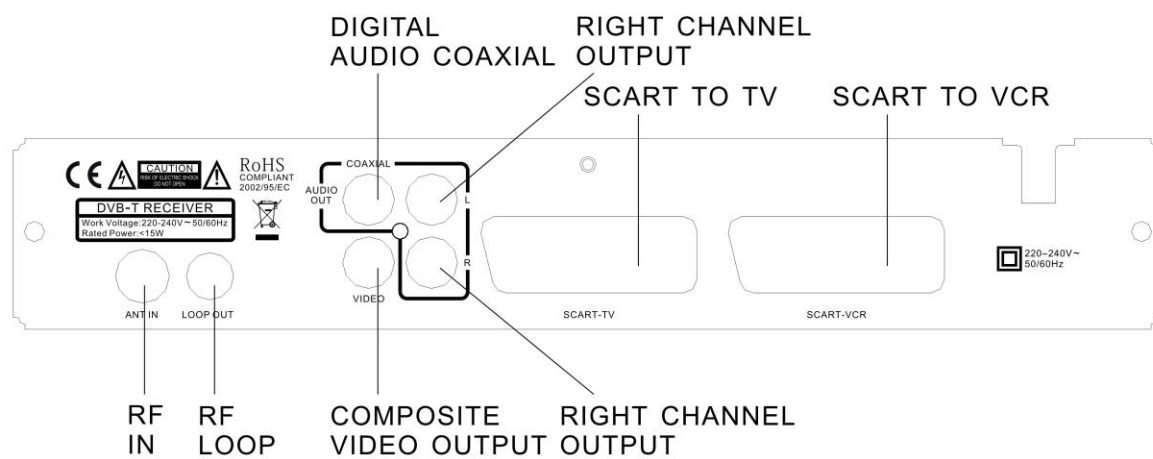
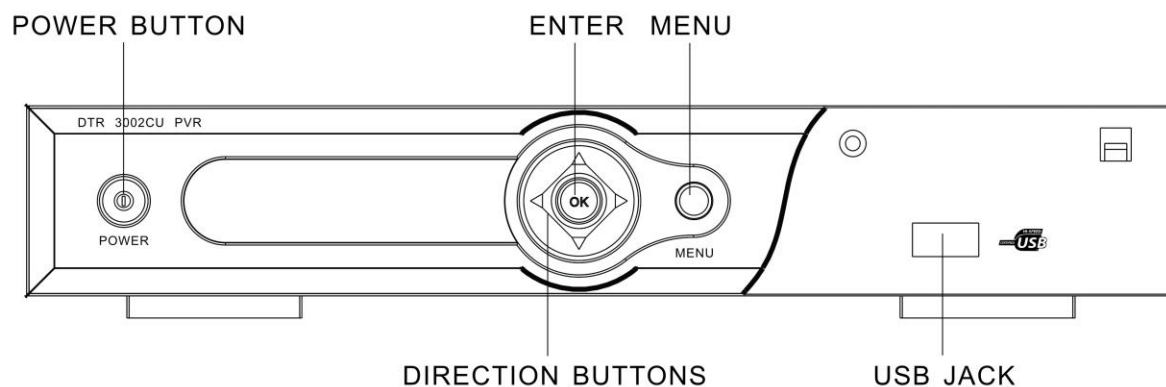


Index

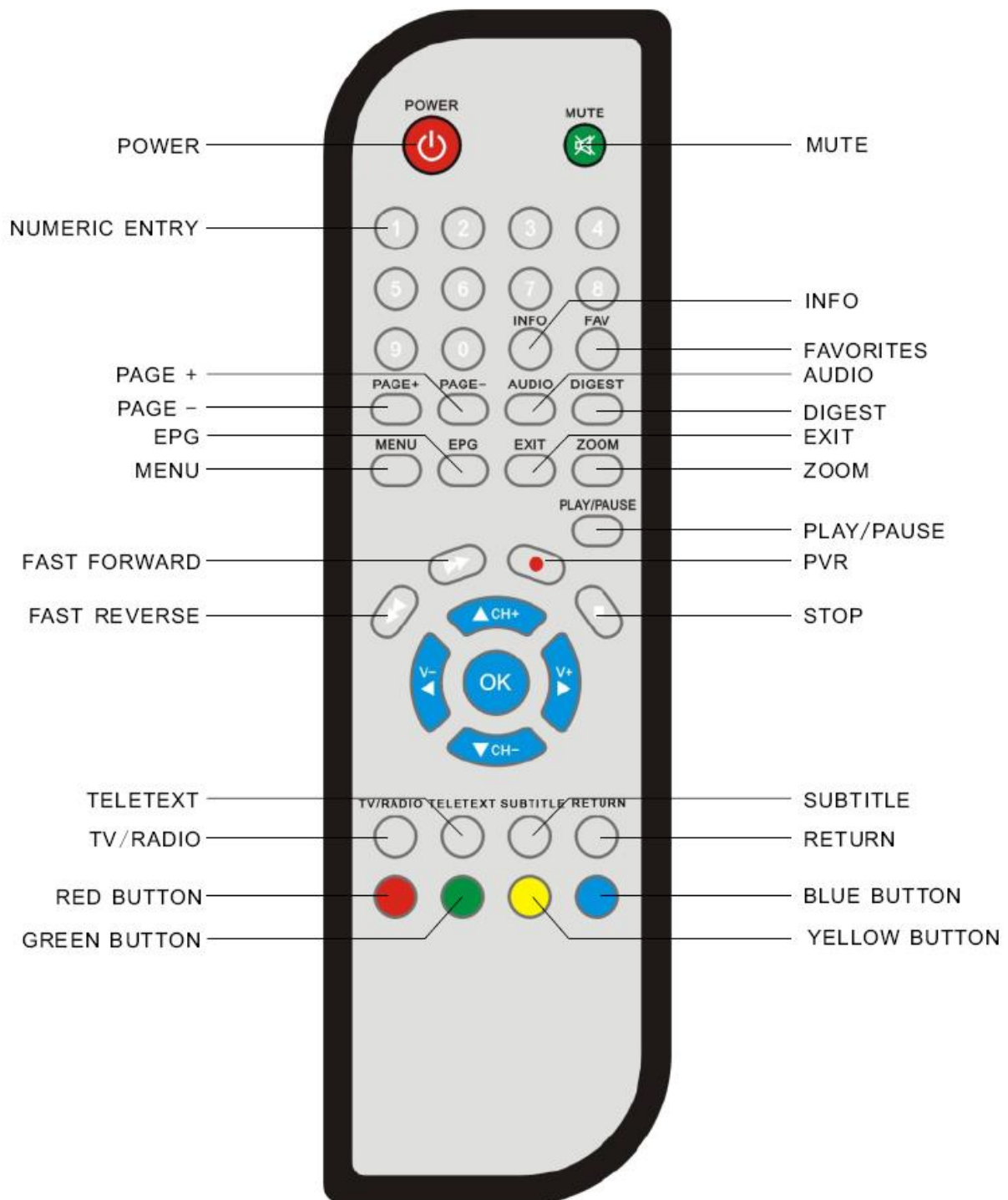
1.	Installation	4
2.	Remote Control	5
3.	Installing the Batteries	6
4.	Setting Language	7
5.	Setting Language	8
5.1	Setting Language	8
5.2	How to receive the programs?	9
5.2.1	Auto Scan	9
5.2.2	Manual Scan	10
6.	STB Operation	11
6.1	Main Menu	11
6.2	SETUP	12
6.2.1	Installation	12
6.2.1.1	Antenna Setting	12
6.2.1.2	Country Setting	12
6.2.1.3	OSD Language	12
6.2.1.4	Audio Language	12
6.2.1.5	Subtitle Language	13
6.2.1.6	Time Zone	13
6.2.1.7	Auto Scan	13
6.2.1.8	Manual Scan	13
6.2.2	TV Setup	14
6.2.2.1	TV Format	14
6.2.2.2	TV Mode	14
6.2.2.3	OSD Transparency	14
6.2.2.4	Banner Display Time	14
6.2.2.5	Video Output	15
6.2.2.6	Video Enhancement	15
6.2.3	Password	16
6.2.3.1	Channel Lock	16
6.2.3.2	Censorship Lock	16
6.2.3.3	Change Password	16
6.2.4	Advance Timer	18
6.2.5	Data Transfer	19
6.2.5.1	System Software Update	19
6.2.6	Set Default	20
6.3	TV/RADIO	21
6.3.1	List	21
6.3.1.1	Delete	21
6.3.1.2	Skip	22
6.3.1.3	Lock	23

6.3.1.4	Edit.....	23
6.3.1.5	Favorites	25
6.3.1.6	Search	25
6.3.2	Guide	27
6.3.2.1	Book.....	27
6.4	MULTIMEDIA	30
6.4.1	My Album	30
6.4.1.1	Thumbnail	31
6.4.1.2	Folder	31
6.4.1.3	Zoom	32
6.4.1.4	Rotate.....	33
6.4.1.5	Slide Show	34
6.4.2	My Music.....	37
6.4.3	My Movie	39
6.4.4	My Recorder	39
6.4.4.1	Recording List	39
6.4.4.2	Recording Device.....	39
6.4.4.3	Recording Preference	40
6.5	GAME.....	40
6.5.1	Gomoku.....	41
6.5.2	Calendar	41
6.5.3	Calclator	42
6.6	Normal Play	43
6.6.1	Information	43
6.6.2	Switch Program	44
6.6.3	Program List.....	44
6.6.4	Volume	45
6.6.5	Pause	45
6.6.6	Audio	46
6.6.7	Favorites.....	46
6.6.8	Teletext	47
6.6.9	Subtitle.....	48
6.6.10	Teletext Subtitle.....	48
6.6.11	Guide	49
6.6.12	List	49
6.6.13	Browse	49
6.6.14	Return	49
6.6.15	Message	49
6.6.15.1	No Signal.....	49
6.6.15.2	No Service.....	50
6.6.15.3	Service Scrambled	50
6.6.15.4	Antenna Overload	51
6.6.15.5	HDTV not support	51
6.6.15.6	Locked	52
7.	Troubleshooting.....	53
8.	Specifications.....	54

1. Installation

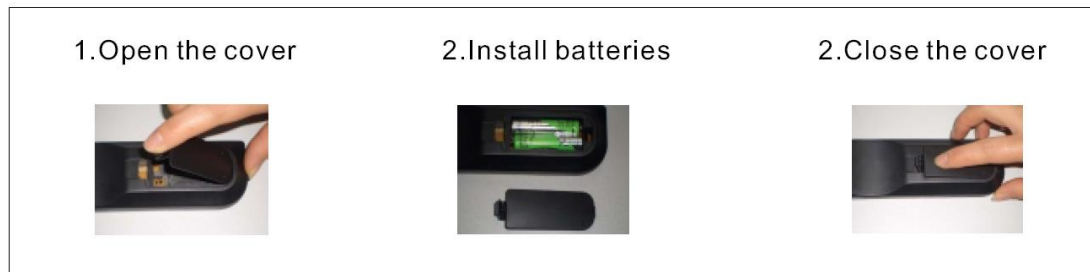


2. Remote Control



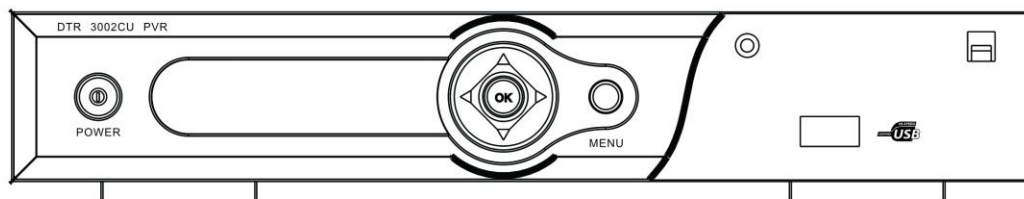
3. Installing the Batteries

Remove the battery cover from the remote control and put 2XAAA size batteries inside the compartment. The diagram inside the battery compartment shows the correct way to install the batteries.



Using the Remote Control

To use the remote control, point it towards the front of the digital set top box. The remote control has a range of up to 7 metres from the set top box at an angle of up to 60 degrees.

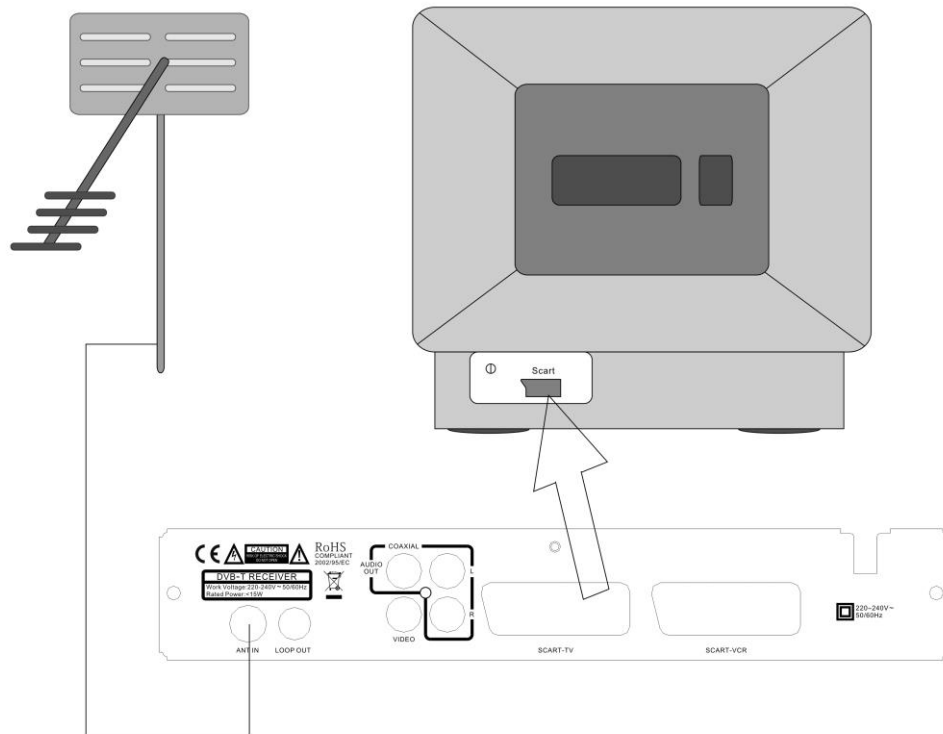


The remote control will not operate if its path is blocked.

Sunlight or very bright light will decrease the sensitivity of the remote control.

4. Setting Language

Caution: Make sure to check the voltage specification of the wall outlet is the same rating with the receiver. To prevent the risk of electric shock, do not open the cover or the back of the receiver.



Note: When connecting the receiver to other equipment, e.g., TV, VCR and amplifier, make sure to refer to relevant user manual for instruction. Also, make sure you disconnect all the equipments from the mains supply before the connection.

5. Setting Language

5.1 Setting Language

User can select a preferred language among various languages at **Installation** page.

- (1) Press <menu> button to enter **Main Menu**.
- (2) Press <Left/Right> button to select **SETUP** option.
- (3) Press <Up/Down> button to select **Installation** option.
- (4) Press <OK> button to enter **Installation** page.
- (5) Press <Up/Down> button to select **OSD Language** option.
- (6) Press <Left/Right> button to select a language.

See Figure 1, 2. If there is no database (scan result) in the STB, it will start at step (5) when booting.



Figure 1. Main Menu, SETUP

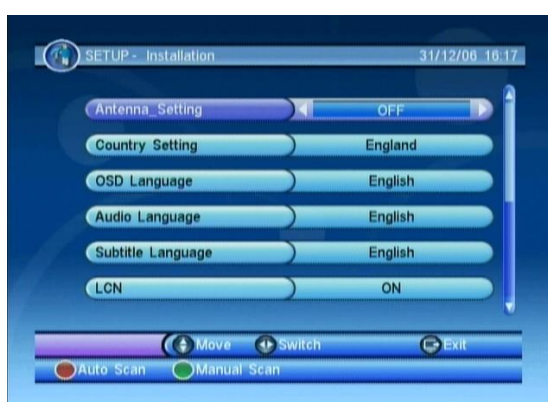


Figure 2. Installation Page

5.2 How to receive the programs?

Scan the possible frequency and bandwidth to receive the programs.

- (1) Press <menu> button to enter **Main Menu**.
- (2) Press <Left/Right> button to select **SETUP** option.
- (3) Press <Up/Down> button to select **Installation** option.
- (4) Press <OK> button to enter **Installation** page.
- (5) Press <Up/Down> button to select **Country Setting** option.
- (6) Press <Left/Right> button to set **Country Setting**.
- (7) Press <RED/GREEN> button to **Auto Scan** or **Manual Scan**.

See Figure 1, 2. If there is no database in the STB, it will start at step (5) when booting.

5.2.1 Auto Scan

Auto Scan will erase the database first, and scans default frequency and bandwidth by **Country Setting**. Follow the steps (1) ~ (6) at section 1.2..

- (7) Press <RED> button to be confirmed to clear the database.
- (8) Press <OK> button to confirm the database will be cleared and start **Auto Scan**.

It costs time to do **Auto Scan**, user can press <exit> to exit at anytime. See Figure 3, 4.

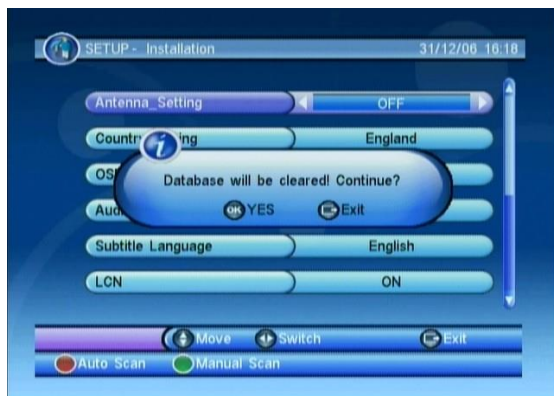


Figure 3. Clear database message

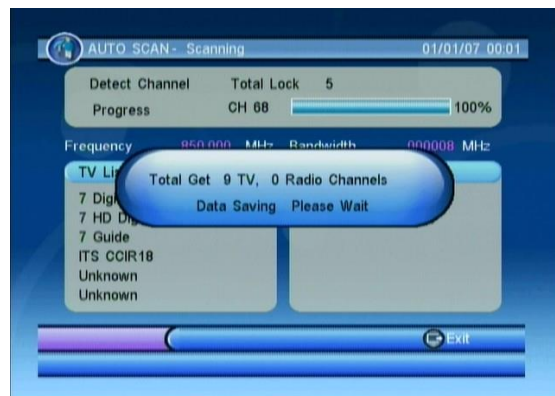


Figure 4. Auto Scan Page

5.2.2 Manual Scan

Manual Scan adds the scanning results into database, it doesn't erase the database. But User has to know the **Frequency** and **Bandwidth** for scanning. If user scans the same **Frequency** and **Bandwidth** more than once, the programs will be duplicated. Follow the steps (1) ~ (6) at section 1.2..

- (7) Press <GREEN> button to enter **Manual Scan** Page.
- (8) Press <Up/Down> button to select **Frequency** option.
- (9) Press <0~9> button to input the **Frequency** value.
- (10) Press <Up/Down> button to select **Bandwidth** option.
- (11) Press <Left/Right> button to set **Bandwidth** value.
- (12) Press <OK/exit> button to start scan or exit.

See Figure 5, 6.



Figure 5. Manual Scan Page



Figure 6. Manual Scan Result

6. STB Operation

Describe how to operate the STB.

6.1 Main Menu

Main Menu for operating a lot of functions.

(1) Press <menu> button to enter **Main Menu**.

(2) Press <info> button to display the version information of STB.

See Figure 7, 8.



Figure 7. Main Menu

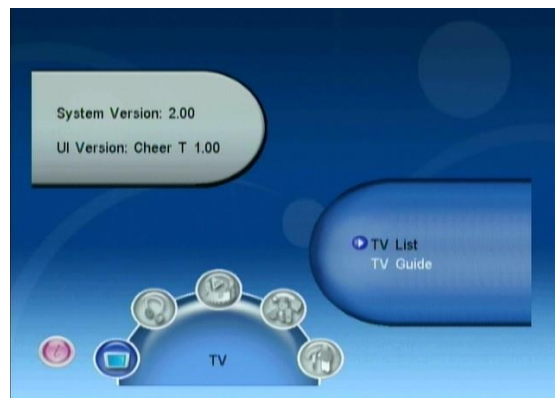


Figure 8. Version Info

6.2 SETUP

Set the system settings of STB. See Figure 9.

6.2.1 Installation

Set about receiving and playing program settings of STB. See Figure 10.

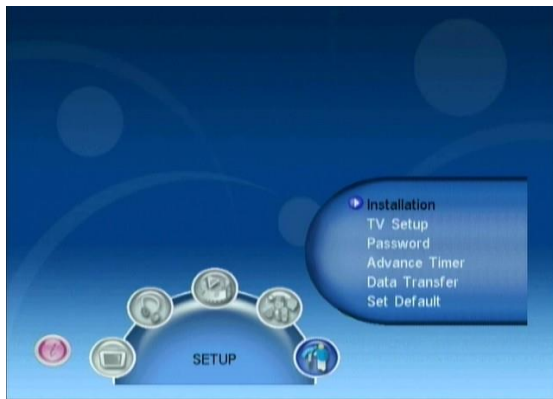


Figure 9. Main Menu, SETUP



Figure 10. Installation Page

6.2.1.1 Antenna Setting

Set the antenna power on or off at **Installation** page.

- (1) Press <Up/Down> button to select **Antenna Setting** option.
- (2) Press <Left/Right> button to set "ON" or "OFF" for turning on or off the antenna power.

6.2.1.2 Country Setting

Set the country for **Auto Scan**, **Manual Scan** and **Time Zone**. Change the **Country Setting** will automatically change the default **Time Zone** value. **Country Setting** also has default **Frequency** and **Bandwidth** for **Auto Scan**.

- (1) Press <Up/Down> button to select **Country Setting** option.
- (2) Press <Left/Right> button to set the Country.

6.2.1.3 OSD Language

Set the On Screen Display Language, please reference section 1.1..

- (1) Press <Up/Down> button to select **OSD Language** option.
- (2) Press <Left/Right> button to set the language.

6.2.1.4 Audio Language

Set the audio language for watching program.

(1) Press <Up/Down> button to select **Audio Language** option.

(2) Press <Left/Right> button to set the language.

6.2.1.5 Subtitle Language

Set the language for displaying subtitle.

(1) Press <Up/Down> button to select **Subtitle Language** option.

(2) Press <Left/Right> button to set the language.

6.2.1.6 Time Zone

Set the **Time Zone** for adjusting the system time. Some Countries are covered with more than one **Time Zone**.

(1) Press <Up/Down> button to select Time Zone option.

(2) Press <Left/Right> button to set the **Time Zone** value.

6.2.1.7 Auto Scan

Auto Scan erases the database first, and scans default frequency and bandwidth by **Country Setting**. Please check the section **1.2.** and **1.2.1.** for more detail.

(1) Press <RED> button to start **Auto Scan**.

6.2.1.8 Manual Scan

Manual Scan adds the scanning results into database, it doesn't erase any database. But user has to know the **Frequency** and **Bandwidth** for scanning. If user scans the same **Frequency** and **Bandwidth** more than once, the programs will be duplicated. Please check the section **1.2.** and **1.2.2.** for more detail.

(1) Press <GREEN> button to start **Manual Scan**.

6.2.2 TV Setup

Setup the display mode for TV. See Figure 11.



Figure 11. TV Setup Page

6.2.2.1 TV Format

Set display format for watching program, such as 4:3LB, 4:3PS, 16:9LB, 16:9FIT.

- (1) Press <Up/Down> button to select **TV Format** option.
- (2) Press <Left/Right> button to set format.

6.2.2.2 TV Mode

Set PAL, NTSC or AUTO for display. AUTO will switch PAL or NTSC by program content. This setting should be matched with user's TV.

- (1) Press <Up/Down> button to select **TV Mode** option.
- (2) Press <Left/Right> button to set mode.

6.2.2.3 OSD Transparency

Set the On Screen Display transparency. 1 is the most diaphanous.

- (1) Press <Up/Down> button to select **OSD Transparency** option.
- (2) Press <Left/Right> button to set transparent value.

6.2.2.4 Banner Display Time

Set Banner displays time. Banner doesn't disappear when setting "Always". It displays at watching program. See Figure 12.

- (1) Press <Up/Down> button to select **Banner Display Time** option.
- (2) Press <Left/Right> button to set the time.

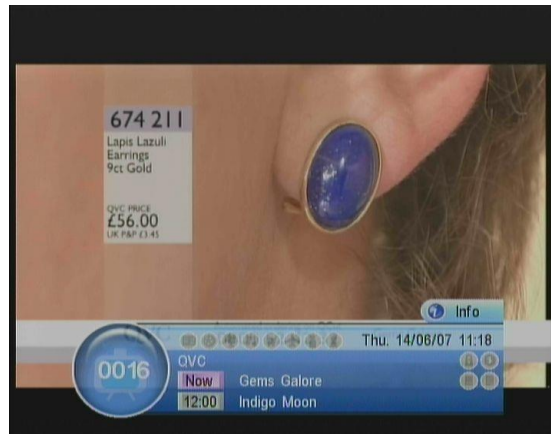


Figure 12. Banner

6.2.2.5 Video Output

Set the output method to TV.

- (1) Press <Up/Down> button to select **Video Output** option.
- (2) Press <Left/Right> button to set the method.

6.2.2.6 Video Enhancement

Set the Video Enhancement

- (1) Press <Up/Down> button to select **Video Enhancement** option.
- (2) Press <Left/Right> button to set **Video Enhancement**.
- (3) Press <Up/Down> button to select **Flesh Tone** or **Black/White Expansion**.
- (4) Press <Left/Right> button to set **Flesh Tone** and **Black/White Expansion**.



Figure 13. Video Enhancement

6.2.3 Password

To setup password for channel lock or censorship lock. User can change password here. The default PIN Code is **0000**. See Figure 14.



Figure 14. Password Page

6.2.3.1 Channel Lock

Lock the channel (program) which has been set lock status by password when turning on the **Channel Lock**. About setting program lock status, please check the section **2.3.1.3**. for more detail. And lock many functions by password.

- (1) Press <Up/Down> button to select **Channel Lock** option.
- (2) Press <Left/Right> button to turn on or off the lock setting.

6.2.3.2 Censorship Lock

Lock the program by password and censorship threshold. The censorship info is in program content. Under the censorship rating, user has to enter the password for watching program.

- (1) Press <Up/Down> button to select **Censorship Lock** option.
- (2) Press <Left/Right> button to set the rating.

6.2.3.3 Change Password

Change the PIN Code. If user forget the PIN Code, please contact the provider.

- (1) Press <Up/Down> button to select **Change Password** option.
- (2) Press <Left/Right> button to trigger changing password.
- (3) Press <0~9> button to enter old password.
- (4) Press <0~9> button to enter new password.
- (5) Press <0~9> button to confirm new password.

If success, it will display PIN Code changed message. Or it will display PIN Code Error message. See Figure 15 ~ 19.



Figure 15. Enter Old Password

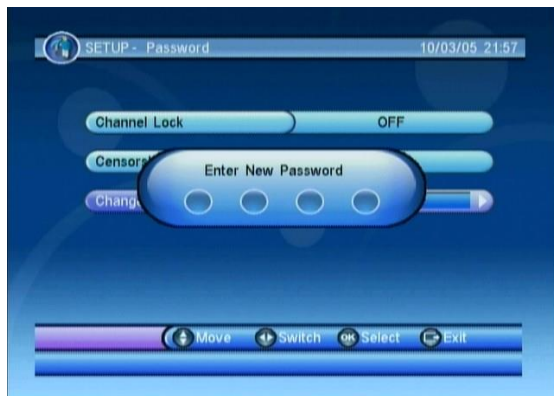


Figure 16. Enter New Password



Figure 17. Confirm New Password



Figure 18. PIN Code Changed



Figure 19. PIN Code Error

6.2.4 Advance Timer

User can set event(s) for watching the program(s) by date, time and frequency. When setting date and start time is up, STB will automatically switch to program user sets. Setting here, the start time and end time depend on current system time. Please check the section **2.3.2.1.** for more detail. See Figure 20

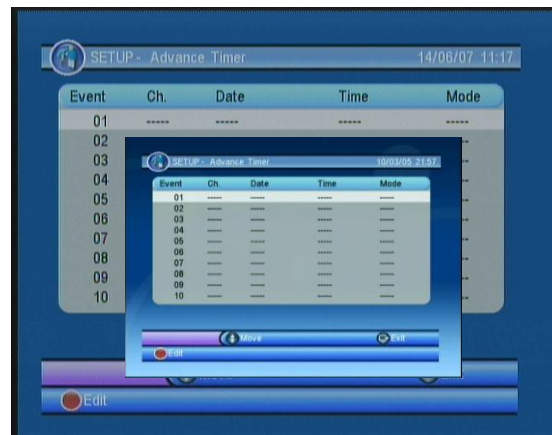


Figure 20. Advance Timer Page

6.2.5 Data Transfer

Transfer code (application), database or both to PC or STB. Transfer data by RS232 to PC, or from master STB to slave STB. See Figure 21.

- (1) Press <RED> button to set **Target** value.
- (2) Press <GREEN> button to set **Mode** value.
- (3) Press <OK> button to start transfer.

6.2.5.1 System Software Update

Update application and tsbootl by build-in card reader or USB port. See Figure 21 ~ 24.

- (1) Press <BLUE> button to enter file browser.
- (2) Press <Left/Right/OK> button to change folder and focus *.crd file.
- (3) Press <OK> button to start update.

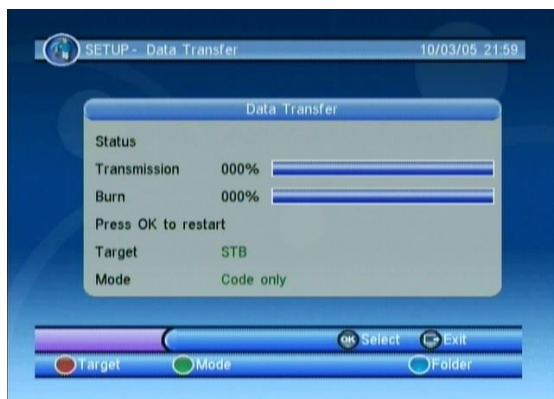


Figure 21. Data Transfer Page

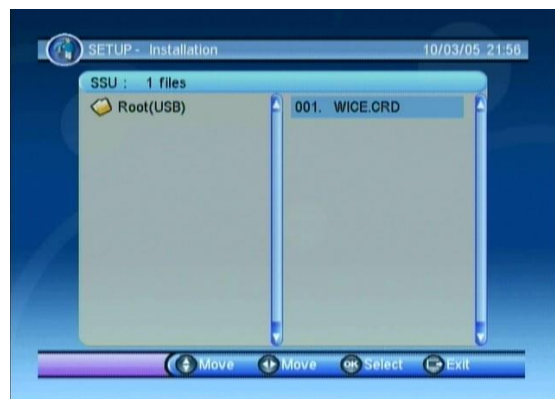


Figure 22. System Software Update



Figure 23. Confirm to Start Update



Figure 24. Updating

6.2.6 Set Default

Reset STB to factory default. All settings by user has been operated will be reset default, and database will be erased at same time. See Figure 25, 26.



Figure 25. Set Default



Figure 26. Saving

6.3 TV/RADIO

There are two types of program. One is TV and the other is Radio. The operation of the **List** and **Guide** at TV and Radio are the same. Here using TV to be example. See Figure 27, 28.



Figure 27. Main Menu - TV



Figure 28. Main Menu - Radio

6.3.1 List

User can operate some functions in **List**. The result of operating will be displayed. See Figure 29, 30.

(1) Press <Left/Right> button to select **Tool** (operation).

(2) Press <Up/Down> button to select the program.

(3) Press <RED/GREEN/YELLOW/1~8> button to operate. Buttons depend on operation.

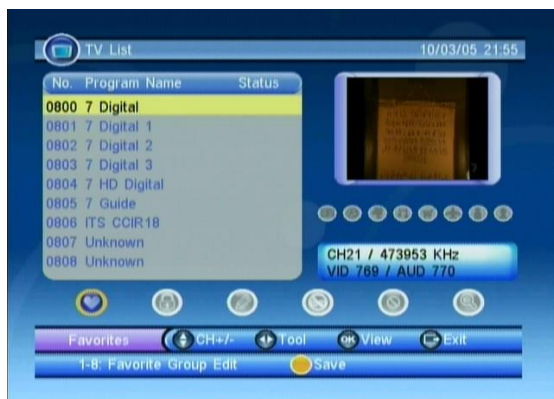


Figure 29. TV List



Figure 30. Radio List

6.3.1.1 Delete

Delete will delete the program perpetually from database . User must rescan to recover it.

(1) Press <Left/Right> button to select **Delete** option.

(2) Press <Up/Down> button to select the program.

(3) Press <RED/GREEN> button to set delete status.

(4) Press <YELLOW> button to confirm the operation and save the result.

Program status is changed after operating. And press <Left/Right> button will confirm and save. See Figure 31 ~ 34.



Figure 31. Delete - Select

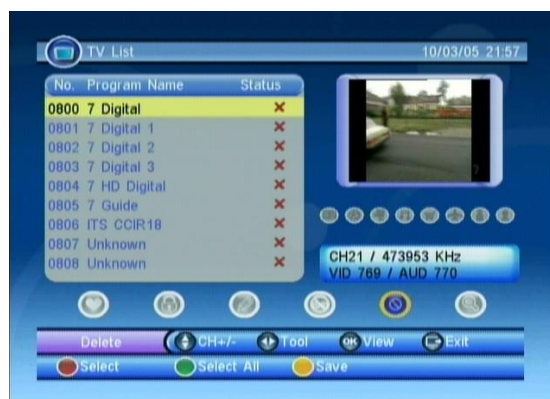


Figure 32. Delete - Select All

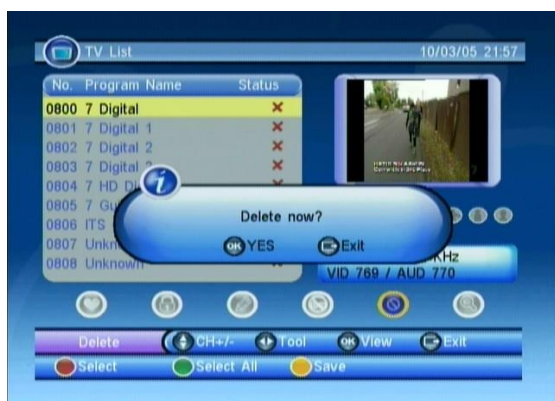


Figure 33. Delete - Save

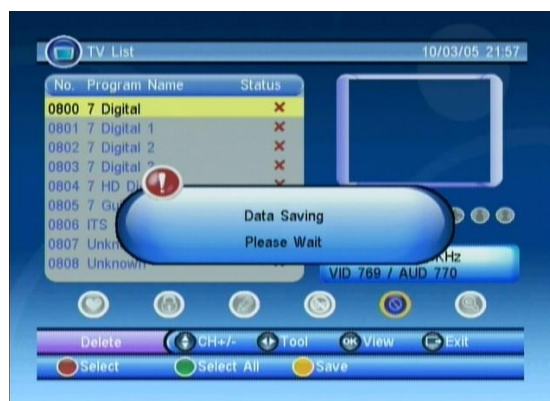


Figure 34. Delete -Saving

6.3.1.2 Skip

Skip will skip the program by channel up/down when watching program.

(1) Press <Left/Right> button to select **Skip** option.

(2) Press <Up/Down> button to select the program.

(3) Press <RED> button to set skip status.

(4) Press <YELLOW> button to confirm the operation and save the result.

Program status is changed after operating. And press <Left/Right> button will confirm and save. See Figure 35, 36.



Figure 35. Skip



Figure 36. Skip - Select

6.3.1.3 Lock

Lock will confirm password before watching this program when **Channel Lock** is turned on. Please check the section **2.2.3.1.** for more detail.

- (1) Press <Left/Right> button to select **Lock** option.
- (2) Press <Up/Down> button to select the program.
- (3) Press <RED> button to set lock status.
- (4) Press <YELLOW > button to confirm the operation and save the result.

Program status is changed after operating. And press <Left/Right> button will confirm and save. See Figure 37, 38.

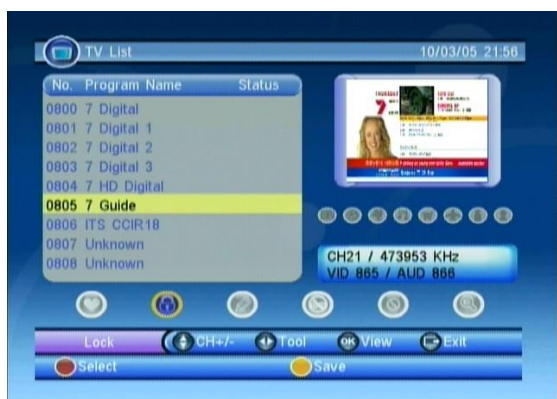


Figure 37. Lock

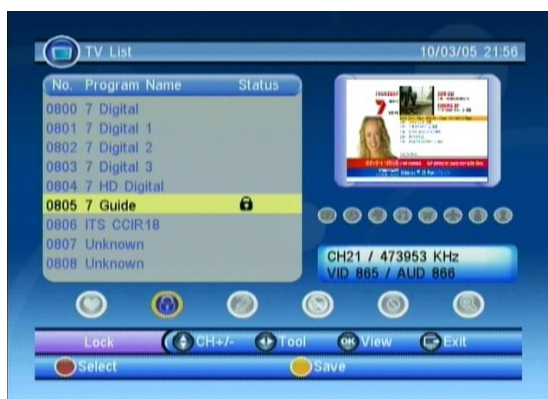


Figure 38. Lock - Select

6.3.1.4 Edit

User can use **Edit** to edit the program name, maximum length is 16 characters.

- (1) Press <Left/Right> button to select **Edit** option.
- (2) Press <Up/Down> button to select the program.

(3) Press <RED> button to display program info page.

(4) Press <OK> button to edit program name.

(5) Press <Up/Down/Left/Right/OK> button to select the character.

(6) Press <RED>/<OK> button on "Save" button to return program info page.

(7) Press <RED> button to save the editing and return to **List**.

If press <exit> button at step (7), it returns to **List** without saving. See Figure 39 ~ 44.



Figure 39. Edit

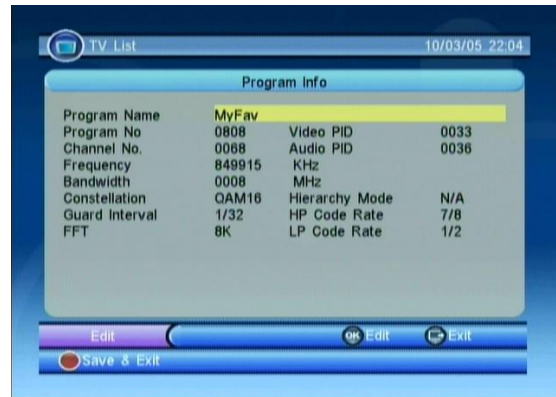


Figure 40. Edit - Select

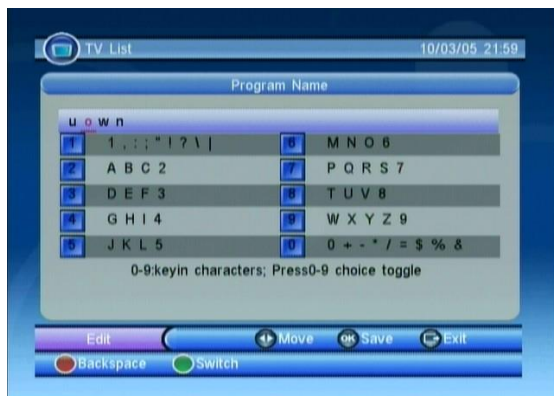


Figure 41. Edit - Editing

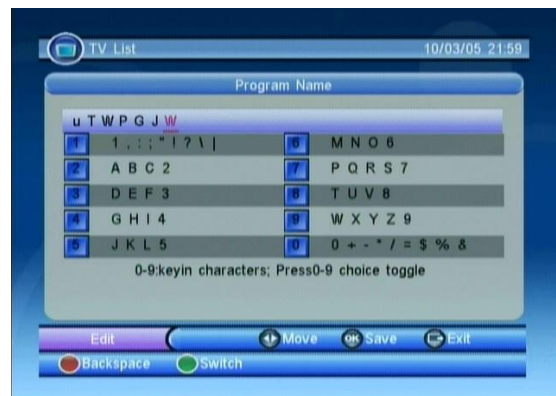


Figure 42. Edit - Editing

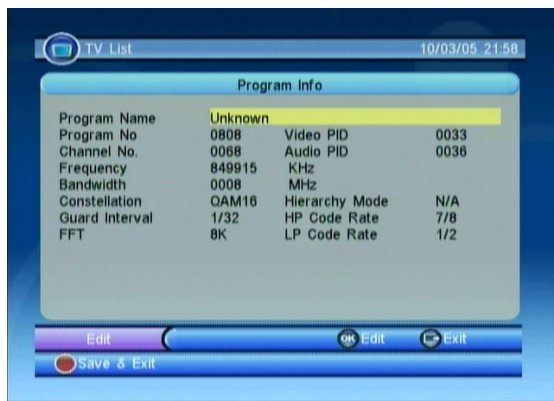


Figure 43. Edit - Done



Figure 44. Edit - Save

6.3.1.5 Favorites

User can quickly channel up/down the favorite programs by favorite filter. There are 8 kinds of favorite for user setting. They are News, Sport, Movie, Music, Shopping, Travel, Boy, and Girl.

- (1) Press <Left/Right> button to select **Favorites** option.
- (2) Press <Up/Down> button to select the program.
- (3) Press <1~8> button to set the kind of favorite.
- (4) Press <YELLOW > button to confirm the operation and save the result.

Program status is changed after operating. And press <Left/Right> button will confirm and save. See Figure 45, 46.

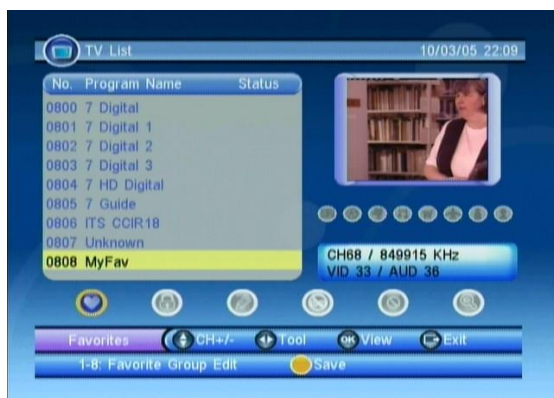


Figure 45. Favorites

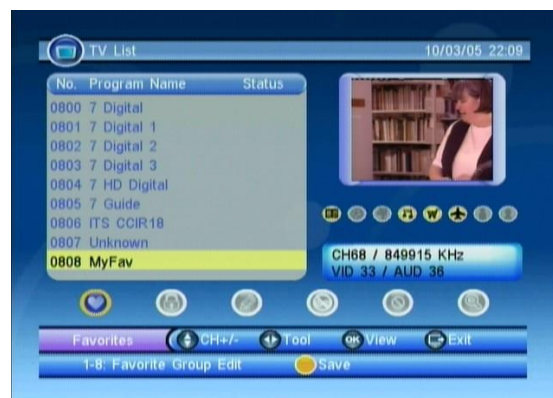


Figure 46. Favorites - Set

6.3.1.6 Search

User can search the program name by partial keyword or character(s)

- (1) Press <Left/Right> button to select **Search** option.
- (2) Press <RED> button to entry search page.
- (3) Press <Up/Down/Left/Right/OK> button to input keyword or character(s).
- (4) Press <RED>/<OK> button on "Search" button to return **List**. It will focus on the match result.
- (5) Press <GREEN/YELLOW> button to next or previous match result.

See Figure 47 ~ 50.

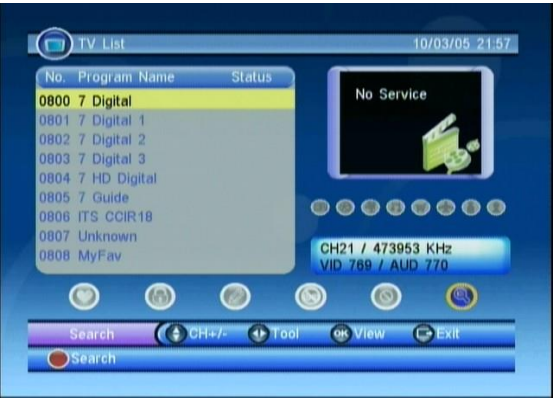


Figure 47. Search

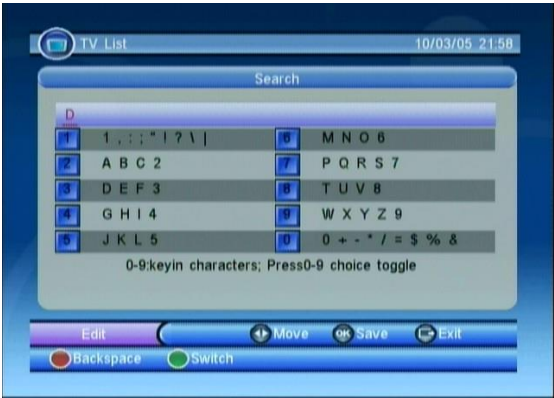


Figure 48. Search character "U"

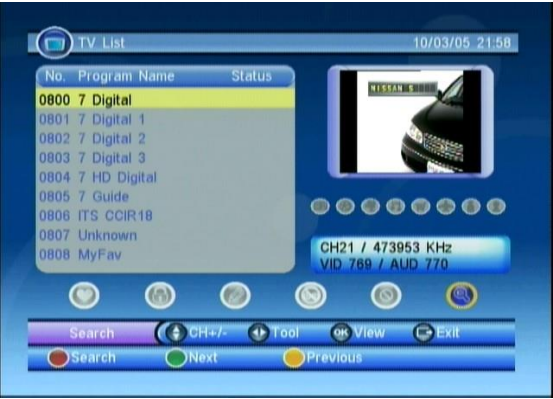


Figure 49. Search Result

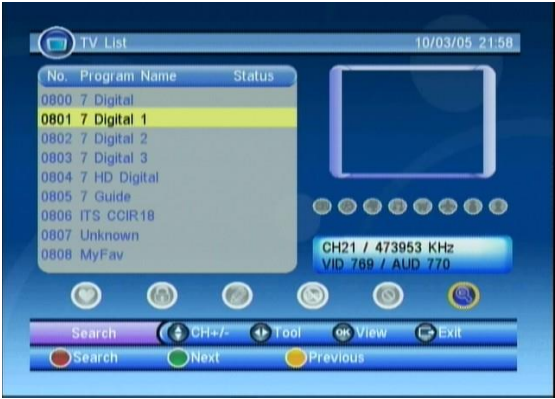


Figure 50. Search Next

6.3.2 Guide

Guide is also naming EPG (Electronic Program Guide). Display program info and events. TV and Radio Guide are the same. See Figure 51 ~ 53.

- (1) Press <Up/Down> button to select program.
- (2) Press <Left/Right> button to change date.
- (3) Press <GREEN/YELLOW> button to select event.
- (4) Press <BLUE> button to show event more detail.



Figure 51. TV Guide

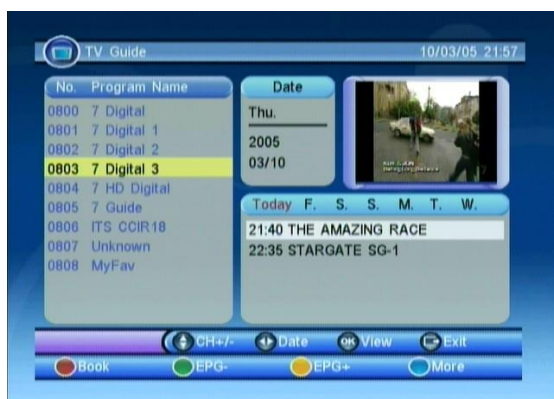


Figure 52. Guide - Event

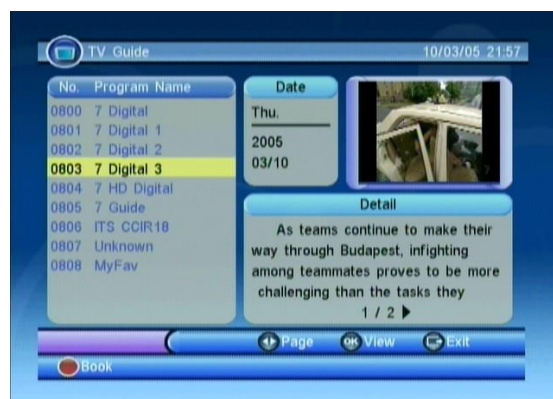


Figure 53. Guide - Event Detail

6.3.2.1 Book

Book will remain user to watch event user sets by date and time. It is the same with **Main Menu** → **SETUP** → **Advance Timer**, please check the section 2.2.4. for more detail. When editing in **Book**, the **Start Time** and **End Time** are depended on selected event. In **Advance Timer**, they are depended on current system time.

- (1) Press <Up/Down> button to select program.
- (2) Press <GREEN/YELLOW> button to select event of program.
- (3) Press <RED> button to enter **Book** page.
- (4) Press <Up/Down> button to select Event row user wants to set or modify.
- (5) Press <RED/GREEN> button to start edit or delete one event.

- (6) Press <Up/Down> button to focus item user wants to modify.
- (7) Press <Left/Right/0~9> button to change the data.
- (8) Press <YELLOW> button to save. If conflict with itself or other event, it displays conflict message.
- If the date and time in the event are up, STB will automatically switch to setting program in event.
- Press any key except <Vol-/Vol+/mute> button, STB asks user to abort it or not at watching program.
- User can delete the event while it isn't at running. See Figure 54 ~ 59.



Figure 54. Book Page

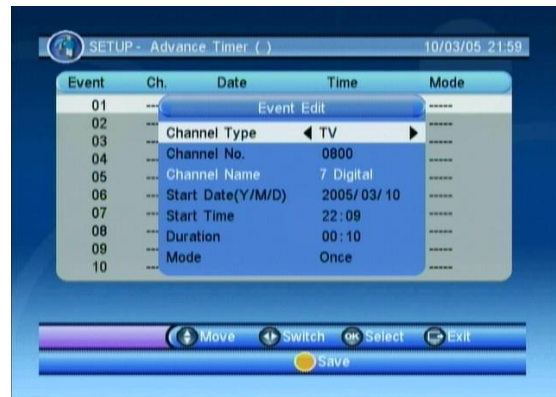


Figure 55. Book - Editing



Figure 56. Book - Save



Figure 57. Book - Delete



Figure 58. Book - Conflict



Figure 59. Abort

6.4 MULTIMEDIA

Multimedia must be used with build-in card reader or USB port. Enter **My Album**, **My Music**, **My Move** and **My Record**, it displays “Initializing” when just inserting device or “Device is not ready!” without device. See Figure 60 ~ 61.



Figure 60. Multimedia

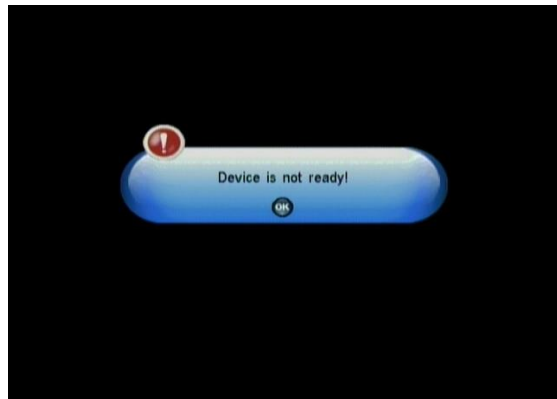


Figure 61. Device is not Ready!

6.4.1 My Album

My Album can display JPG photo and operate it. Remove device when playing photo, it displays “Device is not ready!” message and return to **Main Menu**. See Figure 62.

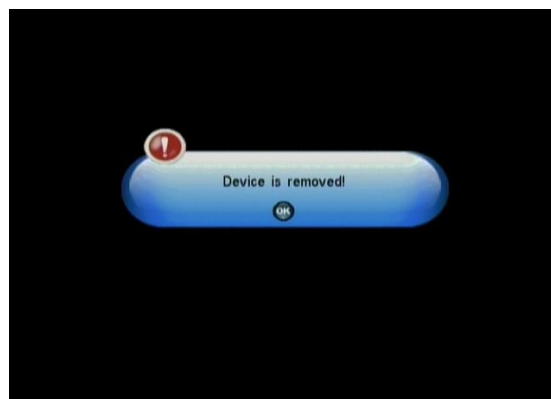


Figure 62. Remove device when playing

6.4.1.1 Thumbnail

If there is no photo in device root folder, it will start at **Thumbnail** mode. Or it will start at **Folder** mode. It displays JPG EXIF info (Width, Height and Date) of selected photo. See Figure 63.



Figure 63. Thumbnail mode

- Press <Up/Down/Left/Right> button to change selected photo or page.
- Press <RED/OK> button to zoom selected photo.
- Press <GREEN> button to rotate selected photo.
- Press <YELLOW> button to do slide show at current folder.
- Press <BLUE> button to browse folders and files (photos).

6.4.1.2 Folder

If there is no photo in device root folder, it will start at **Folder** mode. Or it will start at **Thumbnail** mode. User can browser folders and files. It also displays JPG EXIF info of selected photo. See Figure 64.

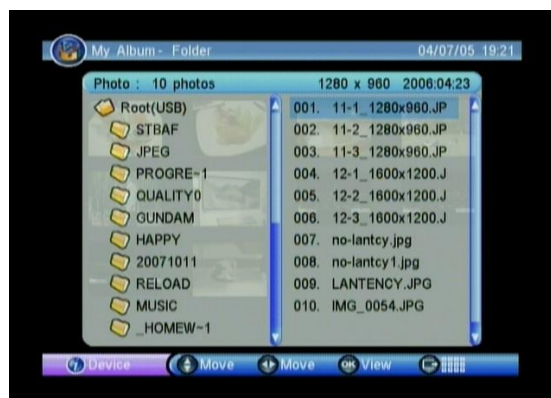


Figure 64. Folder mode

- Press <Up/Down/Left/Right/OK> button to browse folders or files.
- Press <OK> button to view (zoom) the selected photo.
- Press <exit> button to return **Thumbnail** mode with photos in current folder, or return **Main**

Menu.

6.4.1.3 Zoom

View and zoom the photo at 100% from **Thumbnail** or **Folder** mode. See Figure 65, 66.



Figure 65. Zoom - Decoding



Figure 66. Zoom - Display

- Press <GREEN> button to browse folders and files.
- Press <YELLOW> button to zoom in the photo.
- Press <BLUE> button to zoom out the photo.
- Press <Up/Down> button to display next or previous photo.
- Press <exit> button to return **Thumbnail** mode.

User can zoom the photo with 25%, 50%, 100%, 150%, 200%. If zooming greater than 100%, press <Up/Down/Left/Right> button can move the photo. See Figure 67 ~ 69.



Figure 67. Zoom - 50%



Figure 68. Zoom - 150%



Figure 69. Zoom - 200%, moving Zoom

6.4.1.4 Rotate

View and rotate/flip the photo from **Thumbnail** mode. See Figure 70, 71.



Figure 70. Edit - Decoding



Figure 71. Edit - Display

- Press <RED> button, the photo will be rotated left.
- Press <GREEN> button, the photo will be rotated right.
- Press <YELLOW> button, the photo will be flipped horizontal.
- Press <BLUE> button, the photo will be flipped vertical.
- Press <exit> button to return **Thumbnail** mode.

After rotating or flipping the photo and return **Thumbnail** mode, the result will display on **Thumbnail** mode. See Figure 72 ~ 76.



Figure 72. Edit - Rotate left



Figure 73. Edit - Rotate right



Figure 74. Edit - Flip horizontal



Figure 75. Edit - Flip vertical



Figure 76. Thumbnail - After editing

6.4.1.5 Slide Show

Slide all photos in current folder from **Thumbnail** mode.

- Press <RED> button to play the slide show when pausing.
- Press <GREEN> button to pause the slide show when playing.
- Press <YELLOW> button to set repeating or once.

- Press <BLUE> button to set the time interval between current and next photo.
- Press <Up/Down> button to next or previous photo right away.

See Figure 77 ~ 83.



Figure 77. Slide Show - Play



Figure 78. Slide Show - Pause



Figure 79. Slide Show - Repeat once



Figure 80. Slide Show - Repeat

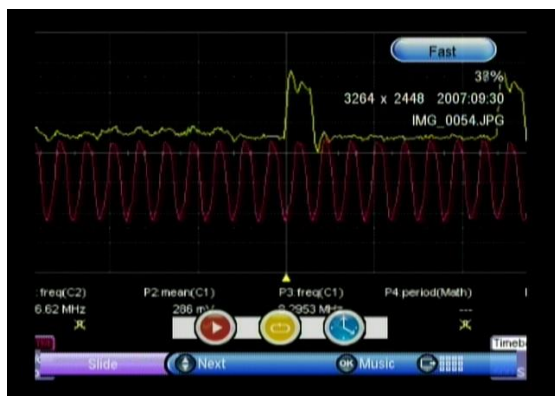


Figure 81. Slide Show - Fast

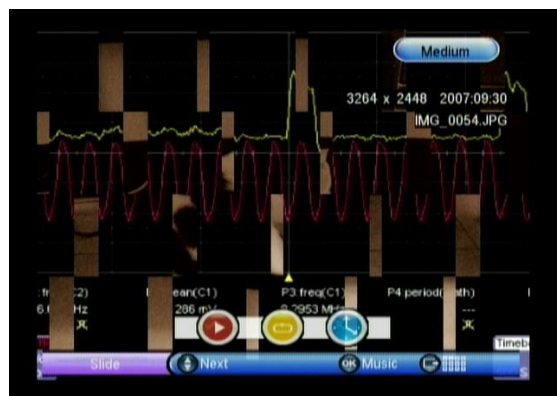


Figure 82. Slide Show - Medium

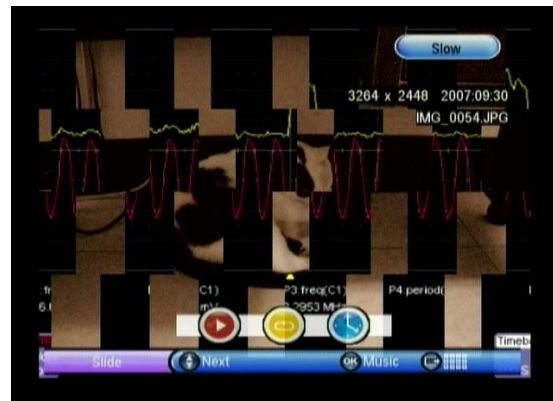


Figure 83. Slide Show - Slow

6.4.2 My Music

My Music can play MP3. Remove device when playing, it will display "Device is not ready!" message, and return to **Main Menu**. See Figure 84.

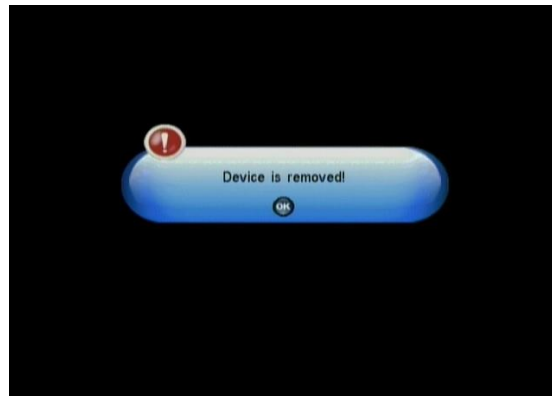


Figure 84. Remove device when playing

- Press <Up/Down/Left/Right/OK> button to browse folders and files (MP3).
- Press <OK> button to play MP3 file.
- Press <RED> button to play or stop MP3 file.
- Press <GREEN> button to pause MP3 file.
- Press <YELLOW> button to repeat selected MP3 file only.
- Press <BLUE> button to random play MP3 file in current folder.
- Press <Left/Right> button to adjust volume while playing the MP3 file.
- Press <mute> button to mute.

While playing the MP3, it displays progress, current playing time, and total time. See Figure 85 ~ 92.



Figure 85. Browse



Figure 86. Play



Figure 87. Pause



Figure 88. Repeating



Figure 89. Random



Figure 90. Play and Volume



Figure 91. Mute with volume



Figure 92. Mute

6.4.3 My Movie

My Movie can play the movie. Remove device when playing, it will display "Device is removed !" Message.

- (1) Press <Up/Down/Left/Right/OK> button to browse folders and files .
- (2) Press <OK> button to play the movie.

6.4.4 My Recorder

My record can play the recorded programs and set functions. See Figure 13 .
Remove device when playing, it will display "Device is removed !" Message.



Figure 13. My Recorder

6.4.4.1 Recording List

Recording List can display the list of recorded programs where you do preview, play or cancel here.

6.4.4.2 Recording Device

Recording device display the details of recording device .See Figure 14 .



Figure 14. Recording Device

6.4.4.3 Recording Preference

Recording Preference can set parameters of time shift and recording .See Figure 15 .



Figure 15 Recording Preference

6.4.4.3.1Time Shift Size

Show space size of time shift. Parameters are calculated based upon the remaining space of recording device, not by man-made.setting.

6.4.4.3.2Time Shift

There are three types of time shift : AUTO 、Pause 、OFF.Please see section 3.12 for details.

6.4.4.3.3One Button Recording

Enter Normal Play, select ON, press  to begin record; select OFF, pop-up the for setting record time before recording.

6.4.4.3.4Default Recording Period

System default of recording length.

6.5 GAME

There two items in **Game**. One is **Gomoku**, the other is **Calendar**. See Figure 93.



Figure 93. Game

6.5.1 Gomoku

User can play with computer or someone else. See Figure 94, 95.

- Press <Up/Down/Left/Right> button to set play mode and difficult.
- Press <OK> button to start play Gomoku.
- Press <Up/Down/Left/Right> button to select the position.
- Press <OK> button to place the piece.



Figure 94. Gomoku

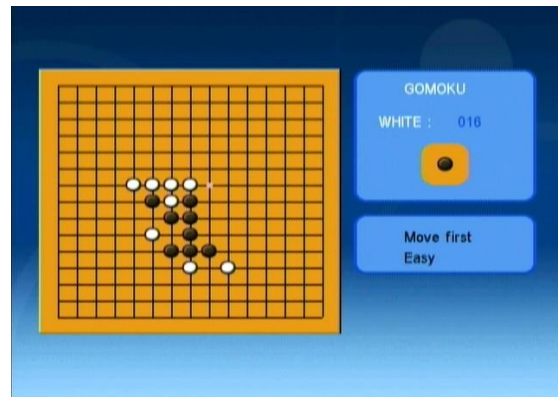


Figure 95. Playing

6.5.2 Calendar

Calendar displays the year, month, and date. See Figure 96 ~ 98.

- Press <Left/Right> to change year.
- Press <Up/Down> to change month.



Figure 96. Current Date



Figure 97. Change year



Figure 98. Change month

6.5.3 Calculator

Calculator can be used for mathematical calculations.

- Press <Up/Down/Left/Right> button to move the focus to the symbol you want.
- Press <1~9> button to select 1~9 number.
- Press <INFO> button to select.
- Press <OK> button to calculate the answer.
- Press <RED> button to do plus function.
- Press <GREEN> button to do sub function.
- Press <YELLOW> button to do multiply function.
- Press <BLUE> button to do divide function.
- Press <EXIT> button to exit calculator.

While using calculator to calculate number. See Figure 99 ~ 100.



Figure 99. Calculating number



Figure 100. The answer

6.6 Normal Play

Normal Play means STB under watching TV or playing Radio. See Figure 101, 102.



Figure 101. Normal Play - TV



Figure 102. Normal Play - Radio

6.6.1 Information

Display program's info or more detail info. Banner displays the program No., favorite setting, current time, program name, current and next event, lock, scramble, subtitle and teletext info. More detail info displays about tuner info. See Figure 103, 104.

- Press <info> button to display banner to show program info.
- Press <info> button when banner exist to display program more detail info.



Figure 103. Banner

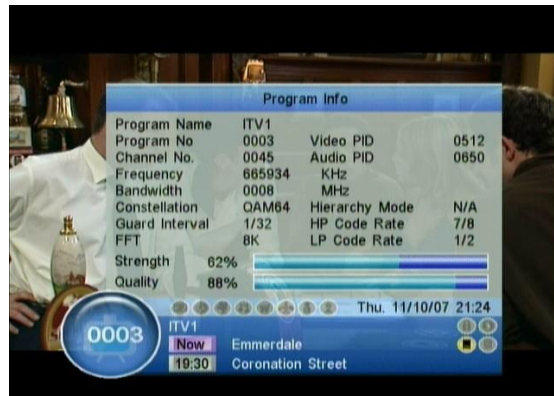


Figure 104. Program Info

6.6.2 Switch Program

User can channel up/down to switch program or input program number.

- Press <Ch Up/Ch Down> button to next or previous program.
- Press <0~9/OK> button to switch program by inputting program number.

If the input program number doesn't exist, STB will ignore the input. See Figure 105.



Figure 105. Input program number

6.6.3 Program List

Display **Program List** with No., name, and state. And user can switch program at here. See Figure 106.

- Press <OK> button to display **Program List**.
- Press <Up/Down/Left/Right/Page Up/Page Down> to preview the program.
- Press <OK/exit> to switch program or return last watching program before pressing OK button.

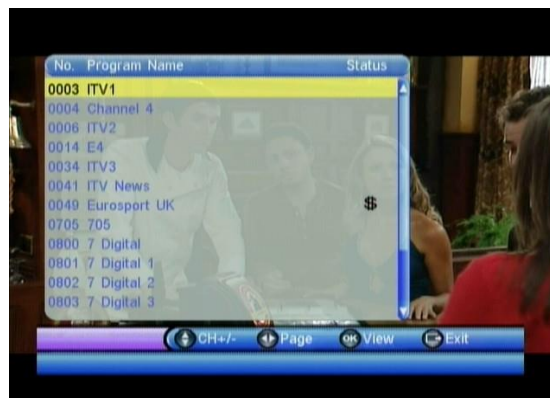


Figure 106. Program List

6.6.4 Volume

User can adjust the volume or mute. If adjust the volume with mute, mute will be canceled. See Figure 107, 108.

- Press <Vol-/Vol+> button to adjust the volume.
- Press <mute> button to mute.



Figure 107. Mute



Figure 108. Volume Bar

6.6.5 Pause

Pause video and audio. But it will be canceled by any input. See Figure 109.

- Press <pause> button to pause video and audio.



Figure 109. Pause

6.6.6 Audio

Switch Main or SAP sound channel. And switch output channel with LR or L or R. If setting audio language at **Main Menu → Installation → Audio Language**, the audio channel default language will be chosen by setting. See Figure 110.

- Press <audio> button to display the audio setting page.
- Press <Up/Down> button to select Channel or Sound Mode option.
- Press <Left/Right> button to set the value.
- Press <exit> button to exit the audio setting page.



Figure 110. Audio Setting Page

6.6.7 Favorites

User can switch the same favorite program by favorite filter. About favorites setting, please check the section **2.3.1.5**. for more detail. See Figure 111, 112.

- Press <fav Up/fav Down> button to switch the favorite filter.
- Press <Ch Up/Ch Down> button to switch the same favorite program.



Figure 111. Turn on favorite filter



Figure 112. Turn off favorite filter

6.6.8 Teletext

Display teletext on screen, the style of teletext may be different by content provider. See Figure 113, 114.

- Press <text> button to display the teletext setting page.
- Press <Up/Down> button to select the teletext language, if the program has teletext.
- Press <OK/exit> button to exit the teletext setting page.
- Press <0~9/Up/Down/Left/Right> button to change teletext page, if teletext exists.



Figure 113. Teletext Setting Page

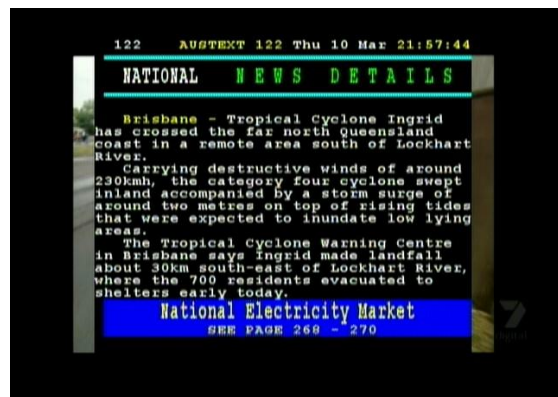


Figure 114. Teletext Sample

6.6.9 Subtitle

Display the subtitle on screen, the style of subtitle may be different by content provider. See Figure 115, 116.

- Press <subtitle> button to display subtitle setting page.
- Press <Up/Down> button to select subtitle language, if the program has subtitle.
- Press <OK/exit> button to exit subtitle setting page.



Figure 115. Subtitle Setting Page



Figure 116. Subtitle

6.6.10 Teletext Subtitle

Display subtitle by teletext, the style of the teletext subtitle may be different by content provider. See Figure 117, 118.

- Press <text/subtitle> button to display teletext or subtitle setting page.
- Press <Left/Right> button to select "TTX Subtitle".
- Press <Up/Down> button to select teletext subtitle language.
- Press <OK/exit> button to exit the setting page.



Figure 117. TTX Subtitle in Teletext

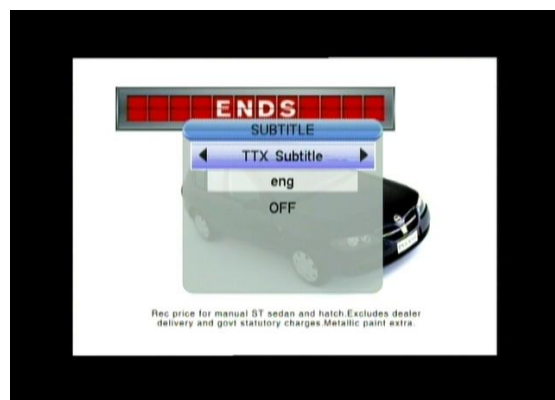


Figure 118. TTX Subtitle in Subtitle

6.6.11 Guide

About **Guide** detail, please check the section **2.3.2.** for more detail.

- Press <RED> button at normal play.

6.6.12 List

About **List** detail, please check the section **2.3.1.** for more detail.

- Press <GREEN> button at normal play.

6.6.13 Browse

Browse digest of programs on screen. It can display 9 programs at once. The selected program is playing, others will display its snapshot. See Figure 119

- Press <YELLOW> button to display digest.
- Press <Up/Down/Left/Right> button to browse program.
- Press <OK> button to switch program and watch.
- Press <exit> button to return the last watching program before press yellow button.



Figure 119. Digest

6.6.14 Return

User can quick return the last watching program, also naming recall.

- Press <BLUE> button to switch last watching program from current watching program.

6.6.15 Message

There are some messages to inform user the current condition.

6.6.15.1 No Signal

STB can't get signal, for example, cable is disconnected. See Figure 120.



Figure 120. No Signal

6.6.15.2 No Service

Program doesn't have any content to play. See Figure 121.

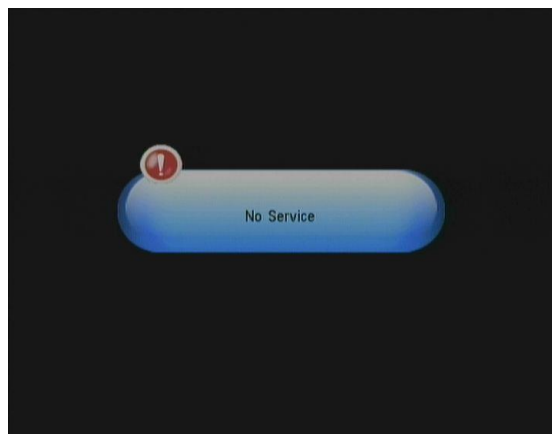


Figure 121. No Service

6.6.15.3 Service Scrambled

Program is scrambled for payment, contact the content provider to know how to descramble it. See Figure 122.

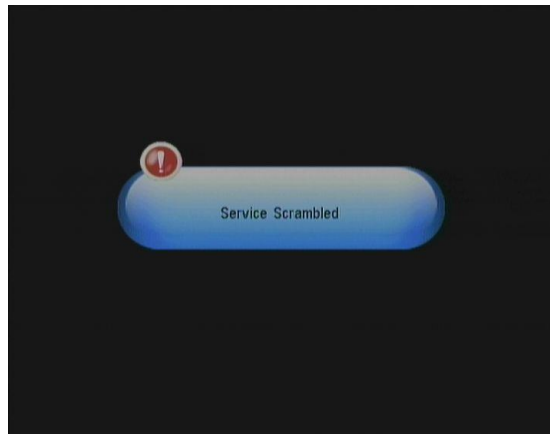


Figure 122. Service Scrambled

6.6.15.4 Antenna Overload

The power of antenna is overload. See Figure 123.

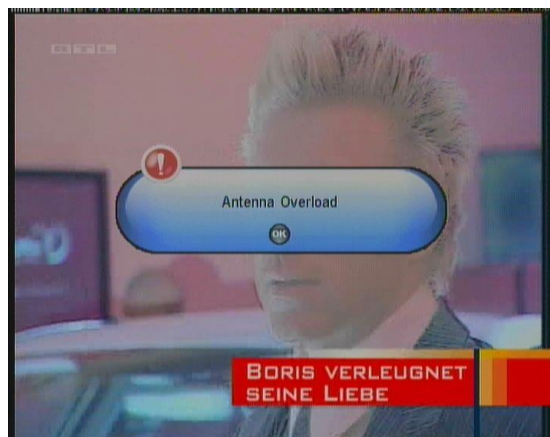


Figure 123. Antenna Overload

6.6.15.5 HDTV not support

This STB doesn't support HDTV. If the program content is HDTV, STB will display this message. See Figure 124.



Figure 124. HDTV Not Support

6.6.15.6 Locked

Program is locked by setting lock (please check the section **2.3.1.3.**) and turning on password setting (please check the section **2.2.3.1.**). User must input correct password to watch program. See Figure 125, 126.

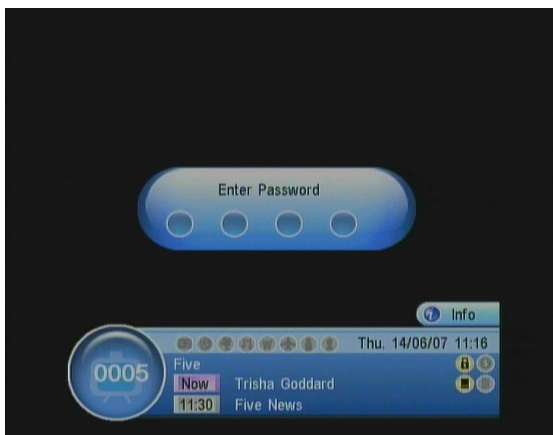


Figure 125. Lock by password

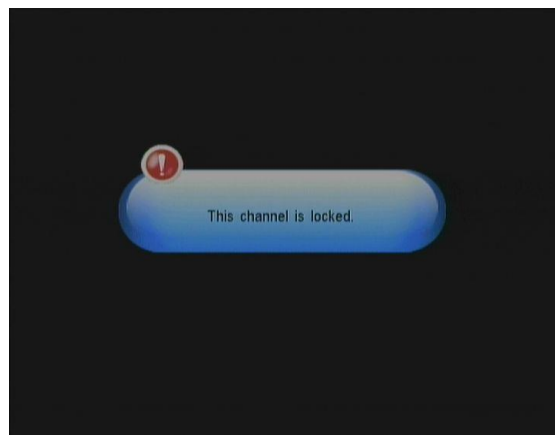


Figure 126. This channel is locked.

7. Troubleshooting

If you experience problems with this receiver or its installation, in the first instance please read carefully the relevant sections of this User Manual and this Troubleshooting section.

Problem	Possible cause	What to do
Standby light not lit	12V DC lead unplugged	Check the lead
No signal found	Aerial is disconnected Aerial is damaged/misaligned	Check aerial lead check aerial
	Out of digital signal area	Check with dealer
No picture or sound	The Scart interface not connect hard	Reinsert the Scart STB to the TV set
	Tuned to digital teletext channel	Retune to another channel
Mosaic blocks in picture or picture freezes	Aerial may not be compatible	Check aerial
Scrambled channel message	Channel is scrambled	Select an alternative channel
Forgotten channel lock code		Re-install channels to cancel channel lock
No response to remote control	Receiver off	Plug in and turn on receiver
	Handset not aimed correctly	Aim handset at front panel
	Infrared Receiver Module obstructed	Check for obstructions
	Remote control batteries are inserted incorrectly	Check batteries direction
	Handset batteries exhausted	Replace remote control batteries
After moving the receiver to another room, find can't receive the digital reception	The aerial feed may come through a distribution system which may reduce the digital signal now received by the receiver	Try a direct feed from the antenna

8. Specifications

Item	Specification	
Tuner	Frequency Range	VHF:174MHz to 230MHz UHF:470MHz to 862MHz
	Input Impedance	75 Ohms unbalanced
	Signal Input Level	-78~-25 dbm
	Bandwidth	7/8 Mhz
Demodulation	Demodulator	COFDM
	OFDM Modulation	2K,8K FFT,SFN and MFN
	Packet Carries	2K/8K
	Guard Interval	1/4,1/8,1/16,1/32
Connectors	RF IN	IEC 169-2 femate connector
	TV SCART	Composite video(CVBS),RGB,audio L/R
Power	Input	100-240V~50/60Hz
	Consumption	5W max
Display	Decoder Module	PAL,NTSC
	Resolution	720 X 576(PAL);720 X 480(NTSC).
	Aspect Ratio	4:3(Letterbox,Pan & Scan),16:9
Decoding	Video	MPEG2 Transport MP@ML
	Audio	MPEG2 Audio Layer I&II
Others	Compliance	ETSI EN 300 744 DVB-T Compliance
	Sound Mode	Right,Left,Stereo

*Specifications are subject to change without further notice.



■ This symbol on the product or in the instructions means that your electrical and electronic equipment should be disposed at the end of life separately from your household waste. There are separate collection systems for recycling in the EU. For more information, please contact the local authority or your retailer where you purchased the product .